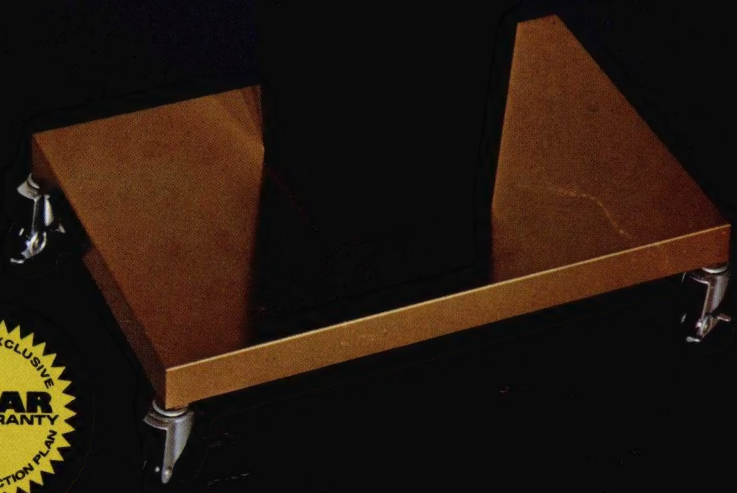
PEERLESS **PULSAR**®

# 960

## DIAGNOSTIC AND SERVICE TUNE-UP CENTER



SERVICING

DEALERSHIPS

SERVICE STATIONS

INDEPENDENT GARAGES

FLEETS

PEERLESS EXCLUSIVE
5 YEAR
Z-D WARRANTY
OWNER PROTECTION PLAN

# WHY PAY DOUBLE?

This is the *NO-NONSENSE* console that delivers complete testing capability at half the price of comparable testers.

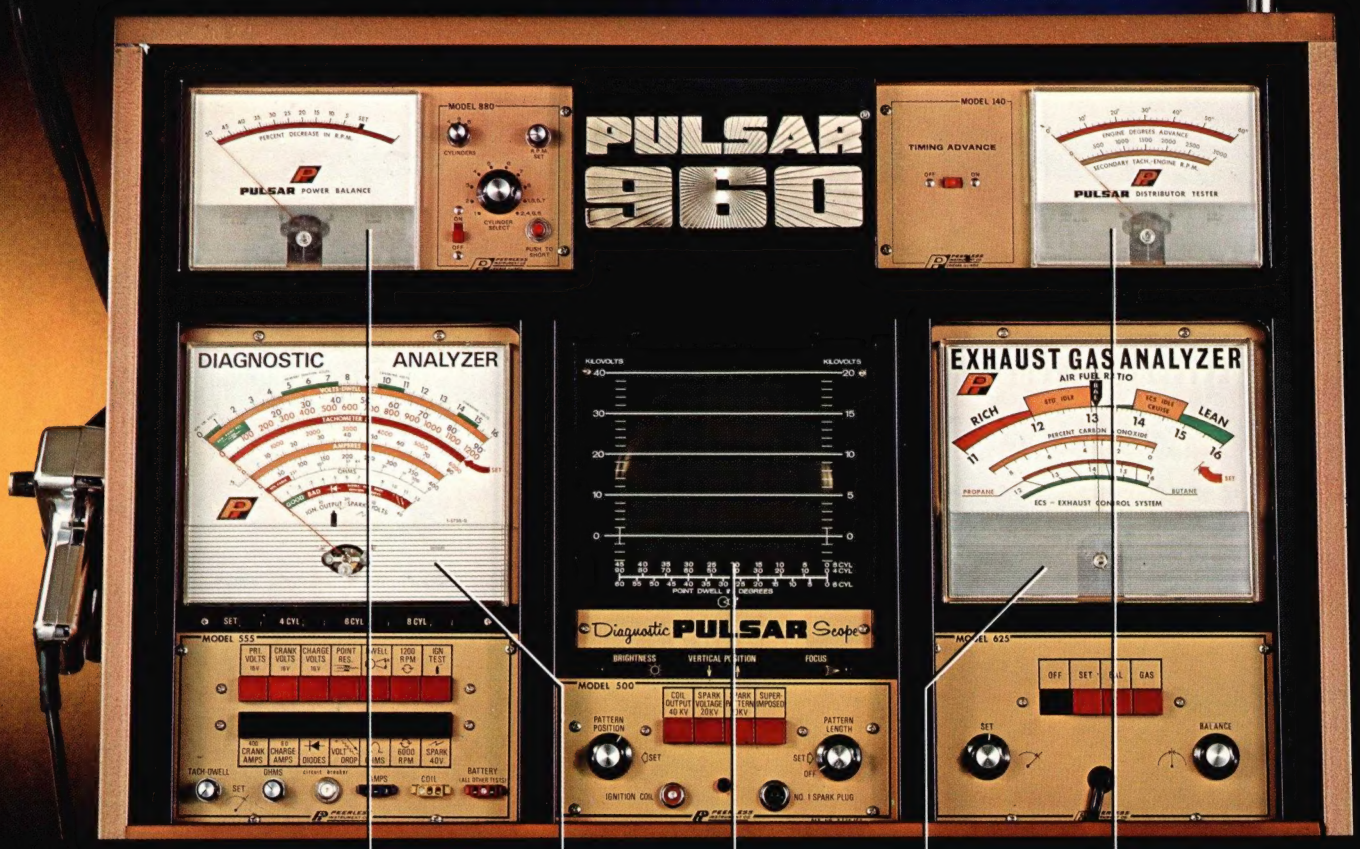
The 960 is covered by a five-year warranty unparalleled in the industry.

And service? Here's our clincher.

Immediate in and out exchange of units practically eliminates "down-time."

So even if you pay twice as much, you won't find equipment that will touch the Peerless Pulsar 960 Factory-Backed program.

**NEW OVERHEAD SWEEP BOOM**
Convenient, out of the way. Prevents tangled leads and provides protection from lead damage. Makes complete 360° sweep.




**POWER BALANCE TESTER**
Test compression on all cylinders electronically. No need to remove spark plugs. Perform exacting carburetor balance tests and adjustments.

**DISTRIBUTOR TESTER**
TEST distributor electronically, on car, with engine running.

**DIAGNOSTIC ENGINE ANALYZER**
14 Testers in one. Protected circuits eliminate possibility of harm to vehicle, operator or instrument.

**EXHAUST GAS ANALYZER**
For universal use on all carburetion systems and fuel injection engines. Completely portable—perform road tests under actual conditions.

**DIAGNOSTIC SCOPE**
Exclusive patented PULSAR pattern displays Spark Plug Voltage as broad, bright spikes. Compare voltages at a glance. Number 1 cylinder starts on left side, eliminating confusion.

# PULSAR 960 -MAXIMUM CAPABILITY AT MINIMUM COST.

## DIAGNOSTIC ENGINE ANALYZER MODEL 555

**PROFESSIONAL FEATURES** ● One hook-up all tests ● One calibration ● QUIK 11-STEP TEST PROCEDURE ● Top 7 pushbuttons for quick check diagnosis ● Bottom 7 pushbuttons for Pinpoint component testing ● Large, easy to read 8 inch METER

● BATTERY POST ADAPTER AND SHUNT ● Used with 80 amp and 400 amp scales ● Covers all charging systems ● Analyzer prevents engine from starting while testing Battery and Starting system

**CHECK AND TEST** ● **IGNITION SYSTEM** ● Dynamic point resistance ● Static point resistance ● Point dwell ● Ignition switch ● Ballast resistor ● Coil ● Condenser ● Spark plugs ● Spark plug wires

**CARBURETION SYSTEM** ● Idle speed ● Idle mixture balance ● Air cleaner

**COMPRESSION** ● Cylinder balance ● Rings ● Valve train ● Gaskets

**STARTING SYSTEM** ● Starter motor ● Battery capacity ● Cables and switches

**CHARGING SYSTEM** ● Alternator/Generator ● Voltage regulator ● Diodes ● Current output ● Circuit resistance

**SCALE RANGES** ● Point resistance—Good or Bad ● Alternator diodes—Good or Bad ● Point dwell 20° to 90° ● RPM —0 to 1200 —0 to 6000 ● Voltage—0 to 16—0 to 40 ● Voltage Drop—Good or Bad —0 to 1.2 ● Amps —5 to +80—0 to 400 ● Ohms —0 to 100,000 ● Ignition—Good or Bad—Accessories included: 812 Battery Load Unit—830 Battery Post Adapter—12 spark plug adapters—jumper wire and insulated pliers

Model 556 includes 901 stand

## DIAGNOSTIC SCOPE MODEL 500

**PROFESSIONAL FEATURES** ● Brightest, sharpest picture available ● Complete portability—makes road testing possible ● Patented AUTO-FOCUS feature provides sharp, full size pattern at all engine RPM's—no adjustment necessary ● Simple to operate—4 pushbuttons, 2 pattern controls for complete testing ● Peerless copyright test procedure—for positive disclosure of ignition system condition.

**CHECK AND TEST** ● Spark plugs ● Spark plug wires ● Coil ● Battery polarity ● Point dwell ● Rotor ● Distributor Cap ● Coil tower ● Distributor condition ● Alternator diodes and stator

Model 501 includes 901 stand

## EXHAUST GAS ANALYZER MODEL 625

**PROFESSIONAL FEATURES** ● Exclusive Peerless Time Saver—THERM-O-TROL sensor provides immediate reaction to gas mixture changes for faster more accurate carburetor adjusting—Hand-selected Thermistors, provide ultimate in stability and reliability ● Large, extremely sensitive 8 inch meter

**TEST AND ADJUST** ● Exhaust control systems ● Idle mixture ● Accelerator pump ● Power circuit ● Main metering jet ● Float level ● Needle valve and seat ● Air cleaner ● Manifold leaks

**SCALE RANGES** ● Air fuel ratio 11 to 16 ● Idle bands for conventional and exhaust control systems ● Carbon Monoxide (Co)—0 to 10 percent ● Propane/Butane A.F.R. scale

Model 626 includes 901 stand

## DISTRIBUTOR TESTER MODEL 140

**COMPLETE WITH POWER TIMING LIGHT**

**CHECK AND TEST** ● Advance mechanisms for all speed and load conditions ● Initial ignition timing ● Distributor condition—Good or Bad

● ANOTHER PLUS: Secondary tachometer eliminates need for second tester and speeds up testing.

## POWER BALANCE TESTER MODEL 880

**DIAGNOSE PROBLEMS** ● Carburetor performance ● Faulty ignition ● Worn rings ● Burned or sticky valves ● Defective valve lifters ● Vacuum and manifold leaks ● Carburetor balance test on all "V" block engines ● Electronically checks odd or even cylinders for carburetor balance ● Operates on vehicles with conventional, transistorized and pointless ignition systems

**EXCLUSIVE FEATURE** ● Calibration and testing can be performed at ANY speed for FASTER and more extensive analysis.

### PEERLESS MERCHANDISING AIDS

**ALL WEATHER TUNE-UP BANNER**

Large, Colorful, "Eye-Catching" 70" x 34" size. Packed with 960/950 Tune-Up Centers.

**ATTRACTIVE VINYL CONSOLE COVER**

Black leatherette finish with transparent front for maximum display of console. Packed with 960/950 Tune-Up Centers.

**PULSAR TUNE-UP/DIAGNOSIS JOB SHEET**

No Guesswork. Sell complete services needed. 25 sheet pad with 960/950 Tune-Up Centers.

### IMPORTANT

**PEERLESS PULSAR ACCURACY AND DEPENDABILITY**

*ALL* Peerless Instruments are guaranteed to meet or exceed requirements established by Automotive Manufacturer's Specifications.

*ALL* components used in the manufacture of Peerless Equipment meet or exceed tolerances required to maintain these standards.

A rigorous Quality Assurance program further insures constant component standards and manufacturing excellence.

# FOR ADDITIONAL CAPABILITY

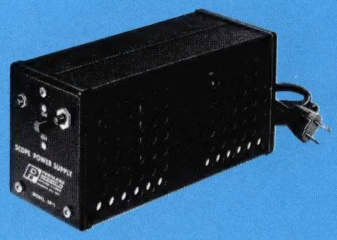
## ACCESSORIES TO THE PULSAR 960

**Model 819**
Adapter for Model 880 provides testing capability for positive ground systems

**Model 820**
Operates on Model 500 Scope for checking alternators

**NEW PEERLESS GIMBEL MOUNT**
**MODEL 807**
Now available for operations which require off the floor installation. Unique, five-position mount provides perfect angle for best viewing. Universally suitable to any overhead track of your selection.

**Model 825**
Provides flexibility.
Converts Model 500 scope to 110 volt AC power.



# BUILD TO THE FUTURE...

## PEERLESS BUILDING BLOCK PROGRAM

Select one or more of these portable units. Add other testers as needed. Individual stands available for complete shop mobility. All Analyzers may be incorporated into the complete console concept at any time.

**PORTABLE UNITS**

**STAND MOUNTED**

**MODEL 950 TUNE-UP CENTER**


PEERLESS INSTRUMENT CO.
6101 GROSS POINT ROAD
CHICAGO, ILLINOIS 60648
In Canada: RICHMOND HILL, ONT.


3-0551-6